Chris Bataille

List of Publications by Year
in descending order

26 papers	1,717 citations	430874 18 h-index	610901 24 g-index
27 all docs	27 docs citations	27 times ranked	1516 citing authors

#	Article	IF	Citations
1	Technologies and policies to decarbonize global industry: Review and assessment of mitigation drivers through 2070. Applied Energy, 2020, 266, 114848.	10.1	427
2	A review of technology and policy deep decarbonization pathway options for making energy-intensive industry production consistent with the Paris Agreement. Journal of Cleaner Production, 2018, 187, 960-973.	9.3	333
3	The need for national deep decarbonization pathways for effective climate policy. Climate Policy, 2016, 16, S7-S26.	5.1	105
4	A pathway design framework for national low greenhouse gas emission development strategies. Nature Climate Change, 2019, 9, 261-268.	18.8	93
5	Carbon prices across countries. Nature Climate Change, 2018, 8, 648-650.	18.8	86
6	Modelling net-zero emissions energy systems requires a change in approach. Climate Policy, 2021, 21, 222-231.	5.1	85
7	Physical and policy pathways to netâ€zero emissions industry. Wiley Interdisciplinary Reviews: Climate Change, 2020, 11, e633.	8.1	75
8	Energy efficiency and economic growth: A retrospective CGE analysis for Canada from 2002 to 2012. Energy Economics, 2017, 64, 118-130.	12.1	74
9	Hybrid Modeling: New Answers to Old Challenges Introduction to the Special Issue of The Energy Journal. Energy Journal, 2006, 27, 1-11.	1.7	68
10	An industrial policy framework for transforming energy and emissions intensive industries towards zero emissions. Climate Policy, 2021, 21, 1053-1065.	5.1	66
11	The Deep Decarbonization Pathways Project (DDPP): insights and emerging issues. Climate Policy, 2016, 16, S1-S6.	5.1	45
12	Improving deep decarbonization modelling capacity for developed and developing country contexts. Climate Policy, 2016, 16, S27-S46.	5.1	36
13	Estimating future elasticities of substitution for the rebound debate. Energy Policy, 2000, 28, 451-455.	8.8	32
14	Industry in a net-zero emissions world: New mitigation pathways, new supply chains, modelling needs and policy implications. Energy and Climate Change, 2021, 2, 100059.	4.4	27
15	How Malleable are the Greenhouse Gas Emission Intensities of the G7 Nations?. Energy Journal, 2007, 28, 145-170.	1.7	25
16	Towards General Equilibrium in a Technology-Rich Model with Empirically Estimated Behavioral Parameters. Energy Journal, 2006, 27, 1-20.	1.7	21
17	Prospects for energy economy modelling with big data: Hype, eliminating blind spots, or revolutionising the state of the art?. Applied Energy, 2019, 239, 991-1002.	10.1	20
18	How green primary iron production in South Africa could help global decarbonization. Climate Policy, 2022, 22, 236-247.	5.1	20

#	Article	IF	Citations
19	Managing carbon-intensive materials in a decarbonizing world without a global price on carbon. Climate Policy, 2016, 16, S110-S128.	5.1	19
20	A climate club to decarbonize the global steel industry. Nature Climate Change, 2022, 12, 494-496.	18.8	18
21	Exploring national decarbonization pathways and global energy trade flows: a multi-scale analysis. Climate Policy, 2016, 16, S92-S109.	5.1	15
22	Permit sellers, permit buyers: China and Canada's roles in a global low-carbon society. Climate Policy, 2008, 8, S93-S107.	5.1	9
23	Policy uncertainty and diffusion of carbon capture and storage in an optimal region. Climate Policy, 2015, 15, 565-582.	5.1	9
24	A low GHG development pathway design framework for agriculture, forestry and land use. Energy Strategy Reviews, 2021, 37, 100683.	7.3	6
25	Bottom-up Models of Energy: Across the Spectrum. , 2009, , .		3
26	There Are Several Pathways to Netâ€Zero CO 2 Emissions and It's Past Time to Get Moving. AGU Advances, 2021, 2, e2020AV000364.	5.4	0